

FULL YEAR Heat Pump

HP PREMIUM Compact / Split



**LOVE SUMMER
LONGER**

HP 2400/3000 PREMIUM Compact

HP 2400/3000 PREMIUM Split

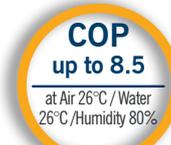
24.4 -30.1 kW/ 80 - 120 m³



Designed for public/commercial applications such as public pools, hotel pools, school pools.

Designed on the principle of renewable energy source, **MICROWELL HP Premium** range heats pool water at the shortest time in the lowest operational costs, all a result of superior Microwell technology.

MICROWELL HP Premium is innovative pool water conditioning solution. It is a powerful heat pump suited for pools up to 120m³ in volume, delivering continuous and stable production of water heating or cooling.



Main Features:



Automatic Heating/Cooling

Designed to reach the top results, they are able to change the mode fluently from heating to cooling, or other way round. It depends on the setting of the required pool temperature.



Simple Operation

Digital display, plus Remote wall controller including 30m cable



Low Noise Emission

Unobtrusive operation of Microwell HP range is achieved by quality air fan and compressor.



Wi-Fi

Regulation over Wi-Fi; ANDROID and IOS APP



Full Year modification as standard

WINTER package (consisting of Condensate tray defrost, Heat exchanger frost protection and Winter modul) allows using heat pump down to -15°C of ambient air temperature.



TROPICAL kit as standard

Extra modul, which allows operation up to +60°C ambient air.



Chiller adjustment

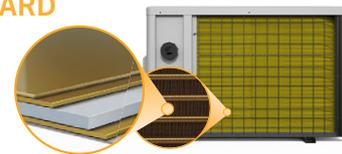
Extra thermal insulation, which allows water cooling to +5°C.



Hot gas defrost is STANDARD

4-way valve hot gas defrost Expansion valve with GoldFin

- Improved heating in outdoor air under 10°C
- Improved defreezing
- More hydrophobic surface and better heat exchange efficiency.



GoldFin epoxid aluminium
100% corrosion free

TROPICAL up to 60°C AIR

8x more effective heating than electric heater



MICROWELL Pool Heat pumps are designed to HEAT & COOL in extremely hot weather conditions. They work in ambient air temperature up to 60°C.



Parameters of HP PREMIUM line

Model	HP 2400 PREMIUM	HP 3000 PREMIUM
PERFORMANCE CONDITION: Air 27°C/Water 27°C/Humidity 80%		
Heating capacity (kW)	24.4	30.1
COP	6.9	6.9
PERFORMANCE CONDITION: Air 15°C/Water 26°C/Humidity 70%		
Heating capacity (kW)	18.7	24.3
COP	6.3	6.3
PERFORMANCE CONDITION: Air 35°C/Water 28°C/Humidity 80%		
Cooling capacity (kW)	21.7	26.8
TECHNICAL SPECIFICATIONS		
Advised pool volume (m ³)	60-80	80-120
Sound level min. at 10m dB(A)	29	32
Operating air temperature (°C)	-15°C +40°C, with TROPICAL kit -5°C +60°C	
Compressor type	Panasonic / Sanyo, scroll	
Cover	Metal powder coated 180°C enamel (exclusive glitter silver)	
Heat exchanger (Grade & Surface of Titanium)	Titanium Twisted Gr 1- ASTM265; 1.2m ²	Titanium Twisted Gr 1- ASTM265; 1.4m ²
Refrigerant	R410A	
Make	COMPACT / SPLIT	
INSTALLATION		
Power supply	400V/3pH/50Hz	400V/3pH/50Hz
Water connection	50mm (6.4")	
Protection and cable size (20m)	C 10 A (5G2.5mm ²)	C 10 A (3G2.5mm ²)
Rated power input (kW)	3.51	4.34
Advised water flow (m ³ /h)	8-10	8-12
Net dimensions LxWxH (mm)	942x1550x360 - COMPACT 942x1250x360 - SPLIT	942x1550x360 - COMPACT 942x1250x360 - SPLIT
Net weight (kg)	118	120
ACCESSORIES		
Wi-Fi	POOL VISION mobile app	
WINTER modul	Operating air temperature -15°C +40°C	
Tropical kit - extra compressor cooling	Up to +60°C ambient air	
CHILLER - extra thermal insulation	To allow water cooling to +5°C	

Remarks: * The data above is only for reference. For specific data, please refer to the nameplate on the unit.
Note: Manufacturer reserves the right to change above technical data without notice.

